

Licence Variation



Licence - 20665

WHITE ROCK WIND FARM PTY LTD
ABN 45 153 592 173 ACN 153 592 173
Level 23, 201 Elizabeth Street
SYDNEY NSW 2000

Attention: Jeff Bembrick

Notice Number 1555607
File Number EF15/11584
Date 04-Sep-2017

NOTICE OF VARIATION OF LICENCE NO. 20665

BACKGROUND

- A. WHITE ROCK WIND FARM PTY LTD ("the licensee") is the holder of Environment Protection Licence No. 20665 ("the licence") issued under the *Protection of the Environment Operations Act 1997* ("the Act"). The licence authorises the carrying out of activities at Between Gwydir Hwy & Maybole Road, GLEN INNES, NSW, 2370 ("the premises").
- B. Modification to the table under Limit Condition L3.2 to include wind speeds up to 17 m/s.

VARIATION OF LICENCE NO. 20665

1. By this notice the EPA varies licence No. 20665. The attached licence document contains all variations that are made to the licence by this notice.
2. The following variations have been made to the licence:
 - addition of wind speeds 15,16 and 17 m/s in table under condition L3.2.

Licence Variation



A handwritten signature in blue ink, appearing to read 'Robert O'Hern'.

.....
Robert O'Hern
Head Regional Operation Unit
North - Armidale
(by Delegation)

INFORMATION ABOUT THIS NOTICE

- This notice is issued under section 58(5) of the Act.
- Details provided in this notice, along with an updated version of the licence, will be available on the EPA's Public Register (<http://www.epa.nsw.gov.au/prpoeo/index.htm>) in accordance with section 308 of the Act.

Appeals against this decision

- You can appeal to the Land and Environment Court against this decision. The deadline for lodging the appeal is 21 days after you were given notice of this decision.

When this notice begins to operate

- The variations to the licence specified in this notice begin to operate immediately from the date of this notice, unless another date is specified in this notice.
- If an appeal is made against this decision to vary the licence and the Land and Environment Court directs that the decision is stayed the decision does not operate until the stay ceases to have effect or the Land and Environment Court confirms the decision or the appeal is withdrawn (whichever occurs first).

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Licence Details	
Number:	20665
Anniversary Date:	27-April

Licensee
WHITE ROCK WIND FARM PTY LTD
LEVEL 23, 201 ELIZABETH STREET
SYDNEY NSW 2000

Premises
WHITE ROCK WIND FARM
BETWEEN GWYDIR HWY & MAYBOLE ROAD
GLEN INNES NSW 2370

Scheduled Activity
Concrete works
Crushing, grinding or separating
Electricity generation
Extractive activities

Fee Based Activity	Scale
Concrete works	> 25000-50000 m3 annual production capacity
Crushing, grinding or separating	> 100000-500000 T annual processing capacity
Electricity works (wind farms)	0-450 GWh annual generating capacity
Land-based extractive activity	> 100000-500000 T annual capacity to extract, process or store

Region
North - Armidale
Ground Floor, NSW Govt Offices, 85 Faulkner Street
ARMIDALE NSW 2350
Phone: (02) 6773 7000
Fax: (02) 6772 2336
PO Box 494 ARMIDALE
NSW 2350

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Information about this licence

Dictionary

A definition of terms used in the licence can be found in the dictionary at the end of this licence.

Responsibilities of licensee

Separate to the requirements of this licence, general obligations of licensees are set out in the Protection of the Environment Operations Act 1997 ("the Act") and the Regulations made under the Act. These include obligations to:

- ensure persons associated with you comply with this licence, as set out in section 64 of the Act;
- control the pollution of waters and the pollution of air (see for example sections 120 - 132 of the Act);
- report incidents causing or threatening material environmental harm to the environment, as set out in Part 5.7 of the Act.

Variation of licence conditions

The licence holder can apply to vary the conditions of this licence. An application form for this purpose is available from the EPA.

The EPA may also vary the conditions of the licence at any time by written notice without an application being made.

Where a licence has been granted in relation to development which was assessed under the Environmental Planning and Assessment Act 1979 in accordance with the procedures applying to integrated development, the EPA may not impose conditions which are inconsistent with the development consent conditions until the licence is first reviewed under Part 3.6 of the Act.

Duration of licence

This licence will remain in force until the licence is surrendered by the licence holder or until it is suspended or revoked by the EPA or the Minister. A licence may only be surrendered with the written approval of the EPA.

Licence review

The Act requires that the EPA review your licence at least every 5 years after the issue of the licence, as set out in Part 3.6 and Schedule 5 of the Act. You will receive advance notice of the licence review.

Fees and annual return to be sent to the EPA

For each licence fee period you must pay:

- an administrative fee; and
- a load-based fee (if applicable).

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The EPA publication “A Guide to Licensing” contains information about how to calculate your licence fees. The licence requires that an Annual Return, comprising a Statement of Compliance and a summary of any monitoring required by the licence (including the recording of complaints), be submitted to the EPA. The Annual Return must be submitted within 60 days after the end of each reporting period. See condition R1 regarding the Annual Return reporting requirements.

Usually the licence fee period is the same as the reporting period.

Transfer of licence

The licence holder can apply to transfer the licence to another person. An application form for this purpose is available from the EPA.

Public register and access to monitoring data

Part 9.5 of the Act requires the EPA to keep a public register of details and decisions of the EPA in relation to, for example:

- licence applications;
- licence conditions and variations;
- statements of compliance;
- load based licensing information; and
- load reduction agreements.

Under s320 of the Act application can be made to the EPA for access to monitoring data which has been submitted to the EPA by licensees.

This licence is issued to:

WHITE ROCK WIND FARM PTY LTD
LEVEL 23, 201 ELIZABETH STREET
SYDNEY NSW 2000

subject to the conditions which follow.

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1 Administrative Conditions

A1 What the licence authorises and regulates

A1.1 This licence authorises the carrying out of the scheduled development work listed below at the premises listed in A2.

There are two (2) stages to the scheduled development works of which the following stages are authorised by this licence:

Stage 1 of White Rock Wind Farm (DPE Project Approval 10_0160 - MOD 3) to construct 70 wind turbines, mobile concrete batch plant, substations, facilities buildings, underground cables, overhead powerlines, monitoring towers, access tracks and roads..

A1.2 This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation.

Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition.

Scheduled Activity	Fee Based Activity	Scale
Concrete works	Concrete works	> 25000 - 50000 m3 annual production capacity
Crushing, grinding or separating	Crushing, grinding or separating	> 100000 - 500000 T annual processing capacity
Electricity generation	Electricity works (wind farms)	0 - 450 GWh annual generating capacity
Extractive activities	Land-based extractive activity	> 100000 - 500000 T annual capacity to extract, process or store

A1.3 Notwithstanding A1.1, the scale of the land-based extractive activity authorised under this licence must not exceed 2,000,000 tonnes per annum, being the amount equivalent to the extraction limit approved by the development consent granted under the *Environmental Planning and Assessment Act 1979* for the premises specified in A2.

A2 Premises or plant to which this licence applies

A2.1 The licence applies to the following premises:

Premises Details
WHITE ROCK WIND FARM
BETWEEN GWYDIR HWY & MAYBOLE ROAD
GLEN INNES
NSW 2370

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PART LOT 2 DP 225300, PART LOT 4 DP 225300, PART LOT 2 DP 228716, PART LOT 1 DP 455212, PART LOT 1 DP 600093, PART LOT 2 DP 600093, PART LOT 116 DP 705152, PART LOT 1 DP 714164, PART LOT 2 DP 714164, PART LOT 157 DP 726527, PART LOT 78 DP 753260, PART LOT 90 DP 753260, PART LOT 119 DP 753260, PART LOT 121 DP 753260, PART LOT 122 DP 753260, PART LOT 134 DP 753260, PART LOT 136 DP 753260, PART LOT 144 DP 753260, PART LOT 153 DP 753260, PART LOT 91 DP 753270, PART LOT 94 DP 753270, PART LOT 49 DP 753292, PART LOT 65 DP 753292, PART LOT 75 DP 753292, PART LOT 76 DP 753292, PART LOT 77 DP 753292, PART LOT 101 DP 753292, PART LOT 103 DP 753292, PART LOT 107 DP 753292, PART LOT 111 DP 753292, PART LOT 30 DP 753319, PART LOT 31 DP 753319, PART LOT 33 DP 753319, PART LOT 124 DP 753319, PART LOT 9 DP 778366, PART LOT 1 DP 840208, PART LOT 1 DP 865325, PART LOT 3 DP 865325, PART LOT 7 DP 865325, PART LOT 1 DP 873080, PART LOT 2 DP 873080, PART LOT 1 DP 883837, PART LOT 2 DP 883837, PART LOT 1 DP 1005607, PART LOT 1 DP 1061812, PART LOT 2 DP 1061812, PART LOT 2 DP 1130567, PART LOT 7 DP 1130567, PART LOT 1 DP 1184223, PART LOT 1 DP 1187044, PART LOT 2 DP 1187044

- A2.2 In addition to Condition A2.1, the premises is graphically defined by the project boundary enclosed by red and purple lines and excluding the area bounded by the yellow line in the image:
- a) White Rock Wind Farm - Layout Map - Modifications (WRWF_MOD3_022_1A) dated 2 March 2016.
Note: a copy of the above document is contained on file EF15/11584 reference DOC17/241301 at the EPA's Armidale Regional Office.

A3 Information supplied to the EPA

- A3.1 Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence.

In this condition the reference to "the licence application" includes a reference to:

- a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and
- b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence.

2 Discharges to Air and Water and Applications to Land

P1 Location of monitoring/discharge points and areas

- P1.1 The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.

3 Limit Conditions

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L1 Pollution of waters

- L1.1 Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.

L2 Waste

- L2.1 The licensee must not cause, permit or allow any waste generated outside the premises to be received at the premises for storage, treatment, processing, reprocessing or disposal or any waste generated at the premises to be disposed of at the premises, except as expressly permitted by the licence.

L3 Noise limits

Construction Noise Limits

- L3.1 The project shall be constructed with the aim of achieving the construction noise management levels detailed in the *Interim Construction Noise Guidelines* (Department of Environment and Climate Change, 2009). All reasonable and feasible noise mitigation measures shall be implemented and any activities that could exceed the construction noise management levels shall be identified and managed in accordance with the Construction Noise and Vibration Management Plan and associated Out of Hours Work Protocol prepared by Environmental Resources Management for White Rock Wind Farm Pty Ltd dated 27 November 2015.

Operational Noise Limits - Wind Turbines

- L3.2 Noise generated from the premises must not exceed, at the nearest non-project related residences:
 (a) 35dB(A); or
 (b) the existing background noise level (LA90 (10-minute)), correlated to the integer wind speed at hub height at the wind farm site, by more than 5dB(A)

whichever is the greater, for each integer wind speed (measured at hub height) from cut-in to rated power of the wind turbine generator when determined in accordance with the methodology provided in the Environmental Noise Guidelines: Wind Farms (South Australia EPA, 2009).

This condition applies to all non-project related residences (residences in existence at the date of the DPE Project Approval, MP10_160 July 2012).

Note: For the purpose of measuring compliance with Condition L3.2 the operational noise criteria shown in the table below will apply for the locations, listed in the table L3.3, that are the nearest non-project related residences where pre-construction background monitoring data has been obtained.

Leq(10min) Noise Limits (dBA)

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Integer Wind Speeds (m/s) at hub height	Cut-in	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Location																
D121	35	35	35	36	37	38	39		40	40	41	43	44	46	49	52
E50	35	36	37	38	39	40	40		41	41	42	43	44	45	48	50
L200	35	35	35	35	35	37	39		41	43	46	48	49	51	52	52
P190	43	44	44	45	45	44	44		44	44	44	45	45	47	48	51

- L3.3 For the purposes of condition L3.2, locations are defined in the table below. Grid references (eastings and northings) refer to Map Grid of Australia 1994 (MGA94), zone 56.

Location Name	Easting	Northing
D121 - Kakoda	355780	6699540
E50 - Mt Buckley	356197	6706634
L200 - Hedge Roy	363850	6691139
P190 - Cranbrook	367851	6692510

Operational Noise Limits - Ancillary Infrastructure

- L3.4 Noise generated from ancillary infrastructure from the premises must not exceed 35 dB(A) LAeq(15 minutes) at any non-project related residences.
- L3.5 Notwithstanding Conditions L3.2 & L3.4, the noise limit specified under that condition does not apply to any residence where a noise agreement is in place between the licensee and the respective landowner(s) in relation to noise impacts and/or noise limits.
- L3.6 To determine compliance with Condition L3.4, the modification factors presented in Section 4 of the *New South Wales Industrial Noise Policy* (NSW EPA, 2000) must be applied to the measured noise level where applicable.
- L3.7 To determine compliance with Conditions L3.2 & L3.4, noise from the premises must be measured at the most affected point within the residential boundary, or at the most affected point within 20 metres of the dwelling, where the dwelling is more than 20 metres from the boundary. Noise levels are determined in accordance with the methodology provided in the *Environmental Noise Guidelines: Wind Farms* (South Australia EPA, 2009) for condition L3.2 and the *Industrial Noise Policy* (NSW EPA 2000) for condition L3.4.

L4 Blasting

- L4.1 The overpressure level from blasting operations at the premises must not exceed 120dB (Lin Peak) at any time and at any point within 30 metres of any non project related residential building or other noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not

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to be taken into account in determining whether or not the limit has been exceeded.

- L4.2 The overpressure level from blasting operations at the premises must not exceed 115dB (Lin Peak) for more than five per cent of the total number of blasts over each reporting period at any time and at any point within 30 metres of any non-project related residential building or other noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.3 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 10mm/sec at any time and at any point within 3.5 metres of any non project related residential building or other noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.4 Ground vibration peak particle velocity from the blasting operations at the premises must not exceed 5mm/sec for more than five per cent of the total number of blasts over each reporting period at any point within 3.5 metres of any non project related residential building or other noise sensitive location. Error margins associated with any monitoring equipment used to measure this are not to be taken into account in determining whether or not the limit has been exceeded.
- L4.5 To determine compliance with condition(s) L4.1, L4.2, L4.3 and L4.4:
- For all blasts carried out in or on the premises airblast overpressure and ground vibration levels must be measured and electronically recorded at the nearest non-project related premises or suitable intervening location between the blast and the premises that will confirm compliance at the premises; and
 - Instrumentation used to measure the airblast overpressure and ground vibration levels must meet the requirements of Australian Standard AS 2187.2-2006.
- L4.6 Blasting operations on the premises must only be carried out between the hours 9:00am to 5:00pm, Monday to Friday, and 9:00am to 1:00pm on Saturday. Blasting is not permitted on Sundays or Public Holidays.
Note: The times during which blasting is permitted are in accordance with those specified by the Notice of Modification (dated 1 April 2016) to the Project Approval (MP10_160).
- L4.7 The hours during which blasting is permitted may be varied by the EPA upon consideration of the impact any variation may have on the amenity of the residents in the locality.
- L4.8 Blasting at the premises is limited to 2 blasts each day on which blasting is permitted.
- Note: If the EPA receives complaints relating to blasting, this condition may be revised to limit blasting at the premises to one (1) blast each day on which blasting is permitted.
- L4.9 Additional blasts are permitted where it is demonstrated to be necessary for compelling safety reasons and the EPA and neighbours have been notified of the intended blast prior to the additional blast being fired.

L5 Hours of operation

- L5.1 Unless otherwise agreed to in writing by the EPA, works covered by this licence must only be carried out between the hours of:

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7:00am and 6:00pm Monday to Friday, and
8:00am and 1:00pm Saturday, and
at no time on Sundays and Public Holidays.

For the purpose of this licence, the term "works" refers to all construction activities associated with the project and movement of materials and substances used to carry out this licensed activity. This condition does not apply to activities which are inaudible at all non project related residences or other noise sensitive locations.

L5.2 Approved out of hours works

a) The licensee may undertake works outside of the hours permitted by Condition L5.1 if:

(i) those works constitute emergency works required to avoid loss of life, damage to property or environmental harm;

(ii) those works constitute deliveries of oversized plant or structures that have been determined by the police or other authorised authorities to require special arrangements for transport along public roads for safety reasons;

(iii) the carrying out of those works in compliance with Condition L5.1 would cause unacceptable risks to construction personnel safety, public safety, road network operational performance and/or essential utility services;

(iv) the road authority refuses to issue a road occupancy licence that would allow those works or activities to be carried out in compliance with Conditions L5.1; and/or

(v) in accordance with the Construction Noise and Vibration Management Plan and associated Out of Hours Work Protocol dated 27 November 2015 prepared by Environmental Resources Management (ERM) for White Rock Wind Farm Pty Ltd in respect of - Stage1 of White Rock Wind Farm. The Out of Hours Work must be approved by either the Secretary (Department of Planning and Environment) or the Environmental Representative as prescribed in Table OOHW3 of the Out of Hours Work Protocol.

4 Operating Conditions

O1 Activities must be carried out in a competent manner

O1.1 Licensed activities must be carried out in a competent manner.

This includes:

- a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and
- b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.

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O2 Maintenance of plant and equipment

- O2.1 All plant and equipment installed at the premises or used in connection with the licensed activity:
- a) must be maintained in a proper and efficient condition; and
 - b) must be operated in a proper and efficient manner.

O3 Dust

- O3.1 All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises.

O4 Emergency response

- O4.1 The licensee must maintain, and implement as necessary, a current emergency response plan for the premises. The licensee must keep the emergency response plan on the premises at all times. The emergency response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. If a current emergency response plan does not exist at the date on which this condition is attached to the licence, the licensee must develop an emergency response plan within three months of that date.

O5 Other operating conditions

- O5.1 The licensee must store and handle all chemicals on site in accordance with the Storing and Handling Liquids: Environmental Protection, Participants Manual: Appendix: Technical Considerations (DECC, 2007).

5 Monitoring and Recording Conditions

M1 Monitoring records

- M1.1 The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.
- M1.2 All records required to be kept by this licence must be:
- a) in a legible form, or in a form that can readily be reduced to a legible form;
 - b) kept for at least 4 years after the monitoring or event to which they relate took place; and
 - c) produced in a legible form to any authorised officer of the EPA who asks to see them.
- M1.3 The following records must be kept in respect of any samples required to be collected for the purposes of this licence:
- a) the date(s) on which the sample was taken;
 - b) the time(s) at which the sample was collected;
 - c) the point at which the sample was taken; and

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d) the name of the person who collected the sample.

M2 Recording of pollution complaints

M2.1 The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.

M2.2 The record must include details of the following:

- a) the date and time of the complaint;
- b) the method by which the complaint was made;
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- d) the nature of the complaint;
- e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- f) if no action was taken by the licensee, the reasons why no action was taken.

M2.3 The record of a complaint must be kept for at least 4 years after the complaint was made.

M2.4 The record must be produced to any authorised officer of the EPA who asks to see them.

M3 Telephone complaints line

M3.1 The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.

M3.2 The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.

M3.3 The preceding two conditions do not apply until 3 months after the date of the issue of this licence.

M4 Other monitoring and recording conditions

M4.1 Noise compliance monitoring must be conducted by an accredited acoustical consultant within 12-15 months of commissioning of the concrete batch plant. A Noise Compliance Assessment Report (NCAR) must be prepared and submitted to DECC within 18 months of commissioning of the concrete batch plant. The NCAR must have the objective of determining if the premises is complying with the noise limits specified in condition L4.1 of this licence under normal operating conditions at the four most effected residential receivers. If it is found that the premises has not, or is not, complying with the noise limits the NCAR must recommend further noise mitigation measures that will bring the premises into compliance.

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6 Reporting Conditions

R1 Annual return documents

- R1.1 The licensee must complete and supply to the EPA an Annual Return in the approved form comprising:
1. a Statement of Compliance,
 2. a Monitoring and Complaints Summary,
 3. a Statement of Compliance - Licence Conditions,
 4. a Statement of Compliance - Load based Fee,
 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan,
 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and
 7. a Statement of Compliance - Environmental Management Systems and Practices.

At the end of each reporting period, the EPA will provide to the licensee a copy of the form that must be completed and returned to the EPA.

- R1.2 An Annual Return must be prepared in respect of each reporting period, except as provided below.

Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.

- R1.3 Where this licence is transferred from the licensee to a new licensee:
- a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and
 - b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period.

Note: An application to transfer a licence must be made in the approved form for this purpose.

- R1.4 Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on:
- a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or
 - b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.

- R1.5 The Annual Return for the reporting period must be supplied to the EPA via eConnect *EPA* or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').

- R1.6 The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.

- R1.7 Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by:
- a) the licence holder; or
 - b) by a person approved in writing by the EPA to sign on behalf of the licence holder.

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R2 Notification of environmental harm

R2.1 Notifications must be made by telephoning the Environment Line service on 131 555.

Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.

R2.2 The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred.

R3 Written report

R3.1 Where an authorised officer of the EPA suspects on reasonable grounds that:

- a) where this licence applies to premises, an event has occurred at the premises; or
- b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.

R3.2 The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.

R3.3 The request may require a report which includes any or all of the following information:

- a) the cause, time and duration of the event;
- b) the type, volume and concentration of every pollutant discharged as a result of the event;
- c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event;
- d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort;
- e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants;
- f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and
- g) any other relevant matters.

R3.4 The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.

7 General Conditions

G1 Copy of licence kept at the premises or plant

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- G1.1 A copy of this licence must be kept at the premises to which the licence applies.
- G1.2 The licence must be produced to any authorised officer of the EPA who asks to see it.
- G1.3 The licence must be available for inspection by any employee or agent of the licensee working at the premises.

8 Special Conditions

E1 Background Noise Survey and Verification Report - (COMPLETED)

- E1.1 Prior to commissioning of the wind farm, the licensee must provide an updated determination of background noise levels at representative non-associated residence locations and calculate the appropriate noise criteria according to condition L3.2. The report must also predict the wind farm noise levels at all non-associated residences or representative clusters of non-associated residences that will experience wind turbine noise greater than 35 dB(A) when turbines are operating at rated power.

The report must be prepared in consultation with the EPA and must include but is not limited to the following:

(a) Background noise levels for each of the relevant receiver locations that are not associated with the White Rock WindFarm. The background noise level data must be collected in accordance with the requirements and recommendations of 'Section 3.1 Background Noise' of the document Wind Farms Environmental Noise Guidelines (South Australia EPA, 2009).

(b) Address and GPS location of all non-associated relevant receivers.

(c) Wind speed measurements for at least each integer wind speed from cut-in speed to the speed up to the rated power of the wind turbine generators in accordance with the requirements of Section 3.2 of the document Wind Farms Environmental Noise Guidelines (South Australia EPA, 2009).

(d) Predicted noise levels at all relevant receiver locations that are not associated with the White Rock Wind Farm for each integer wind speed from cut-in speed to the speed of the rated power in accordance with the document Wind Farms Environmental Noise Guidelines (SouthAustralia EPA, 2009). Noise modelling should be representative of final turbine selection and layout design.

(e) Where operations need to be controlled under certain meteorological conditions in order to meet noise criteria set out in condition L3.2, these controls (such as sector management) must be described in detail.

(f) The noise assessment report should include all the documentation required by Section 5.1 and 5.2 of the document Wind Farms Environmental Noise Guidelines (South Australia EPA, 2009).

COMPLETED - REPORTS RECEIVED 1 MAY 2017 (DOC17/255586)

E2 Noise Compliance Monitoring Following Commissioning

- E2.1 The Licensee shall undertake noise compliance monitoring to ensure compliance with operational noise criteria provided under conditions L3.2 and L3.4. Noise compliance monitoring must be conducted by an accredited acoustical consultant within 3 months of commissioning of the wind farm or other timing as may be agreed to in writing with the EPA. Upon completion of the noise compliance monitoring a Noise Compliance Assessment Report (NCAR) must be prepared and submitted to the EPA within 12 months of commissioning of the wind farm. The NCAR must have the objective of determining if the premises is complying with the operational noise limits specified in conditions L3.2 and L3.4.

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Dictionary

General Dictionary

3DGM [in relation to a concentration limit]	Means the three day geometric mean, which is calculated by multiplying the results of the analysis of three samples collected on consecutive days and then taking the cubed root of that amount. Where one or more of the samples is zero or below the detection limit for the analysis, then 1 or the detection limit respectively should be used in place of those samples
Act	Means the Protection of the Environment Operations Act 1997
activity	Means a scheduled or non-scheduled activity within the meaning of the Protection of the Environment Operations Act 1997
actual load	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
AM	Together with a number, means an ambient air monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
AMG	Australian Map Grid
anniversary date	The anniversary date is the anniversary each year of the date of issue of the licence. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
annual return	Is defined in R1.1
Approved Methods Publication	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
assessable pollutants	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
BOD	Means biochemical oxygen demand
CEM	Together with a number, means a continuous emission monitoring method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .
COD	Means chemical oxygen demand
composite sample	Unless otherwise specifically approved in writing by the EPA, a sample consisting of 24 individual samples collected at hourly intervals and each having an equivalent volume.
cond.	Means conductivity
environment	Has the same meaning as in the Protection of the Environment Operations Act 1997
environment protection legislation	Has the same meaning as in the Protection of the Environment Administration Act 1991
EPA	Means Environment Protection Authority of New South Wales.
fee-based activity classification	Means the numbered short descriptions in Schedule 1 of the Protection of the Environment Operations (General) Regulation 2009.
general solid waste (non-putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997

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flow weighted composite sample	Means a sample whose composites are sized in proportion to the flow at each composites time of collection.
general solid waste (putrescible)	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
grab sample	Means a single sample taken at a point at a single time
hazardous waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
licensee	Means the licence holder described at the front of this licence
load calculation protocol	Has the same meaning as in the Protection of the Environment Operations (General) Regulation 2009
local authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
material harm	Has the same meaning as in section 147 Protection of the Environment Operations Act 1997
MBAS	Means methylene blue active substances
Minister	Means the Minister administering the Protection of the Environment Operations Act 1997
mobile plant	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
motor vehicle	Has the same meaning as in the Protection of the Environment Operations Act 1997
O&G	Means oil and grease
percentile [in relation to a concentration limit of a sample]	Means that percentage [eg.50%] of the number of samples taken that must meet the concentration limit specified in the licence for that pollutant over a specified period of time. In this licence, the specified period of time is the Reporting Period unless otherwise stated in this licence.
plant	Includes all plant within the meaning of the Protection of the Environment Operations Act 1997 as well as motor vehicles.
pollution of waters [or water pollution]	Has the same meaning as in the Protection of the Environment Operations Act 1997
premises	Means the premises described in condition A2.1
public authority	Has the same meaning as in the Protection of the Environment Operations Act 1997
regional office	Means the relevant EPA office referred to in the Contacting the EPA document accompanying this licence
reporting period	For the purposes of this licence, the reporting period means the period of 12 months after the issue of the licence, and each subsequent period of 12 months. In the case of a licence continued in force by the Protection of the Environment Operations Act 1997, the date of issue of the licence is the first anniversary of the date of issue or last renewal of the licence following the commencement of the Act.
restricted solid waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
scheduled activity	Means an activity listed in Schedule 1 of the Protection of the Environment Operations Act 1997
special waste	Has the same meaning as in Part 3 of Schedule 1 of the Protection of the Environment Operations Act 1997
TM	Together with a number, means a test method of that number prescribed by the <i>Approved Methods for the Sampling and Analysis of Air Pollutants in New South Wales</i> .

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TSP	Means total suspended particles
TSS	Means total suspended solids
Type 1 substance	Means the elements antimony, arsenic, cadmium, lead or mercury or any compound containing one or more of those elements
Type 2 substance	Means the elements beryllium, chromium, cobalt, manganese, nickel, selenium, tin or vanadium or any compound containing one or more of those elements
utilisation area	Means any area shown as a utilisation area on a map submitted with the application for this licence
waste	Has the same meaning as in the Protection of the Environment Operations Act 1997
waste type	Means liquid, restricted solid waste, general solid waste (putrescible), general solid waste (non - putrescible), special waste or hazardous waste

Mr Robert O'Hern

Environment Protection Authority

(By Delegation)

Date of this edition: 27-April-2016

End Notes

2	Licence varied by notice	1547289 issued on 12-Dec-2016
3	Licence varied by notice	1551449 issued on 28-Apr-2017
4	Licence varied by notice	1552862 issued on 21-Jun-2017
5	Licence varied by notice	1554110 issued on 17-Jul-2017